

ABSTRACT

A corneal topography analysis system includes: an input unit for inputting corneal curvature data; and an analysis unit that
5 determines plural indexes characterizing topography of the cornea based on the input corneal curvature data, the analysis unit further judges corneal topography from features inherent in predetermined classifications of corneal
10 topography using the determined indexes and a neural network so as to judge at least one of normal cornea, myopic refractive surgery, hyperopic refractive surgery, corneal astigmatism, penetrating keratoplasty,
15 keratoconus, keratoconus suspect, pellucid marginal degeneration, or other classification of corneal topography.